

# AMIR AGASSI

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## EDUCATION

### Wilfrid Laurier University

BSc Computer Science

Waterloo, Ontario

2022 - 2026

### Western Governors University

Accelerated BSc Cybersecurity & Information Assurance

Remote

Sept. 2024 - Feb. 2025

## PROFESSIONAL EXPERIENCE

### Konfer Inc.

Vice President of Engineering

Waterloo, Ontario

July 2024 - Present

- Lead the development of the company's engineering strategy and technical direction, overseeing the organization of 5+ high-impact tech events (networking events, hackathons & more) annually, connecting innovative businesses with ambitious students and young professionals.

### Civiconnect

Web Development Associate, Co-op

Remote

September 2024 - Present

- Collaborated with the Web Development Team to design, develop, and maintain web applications for small to medium-sized businesses, contributing to 5+ projects and focusing on meeting client requirements and objectives.

### Sterling Karamar Inc.

Junior Software Developer

Toronto, Ontario

July 2021 - August 2022

- Developed custom large-scale reporting software, facilitating efficient report generation for 85+ corporate real-estate clients, reducing monthly accounting and report creation time by up to 95% compared to manual creation.
- Authored an extensive 200 page standard operating procedure manual for the company's proprietary real estate & new reporting software, enhancing operational efficiency by 35% and enabling faster competency team-wide.

### 360 Business Marketing Inc.

Digital Solutions Specialist

Concord, Ontario

June 2020 - April 2021

- Spearheaded the design and development of the company's website, selecting platforms & crafting the interface, resulting in a significant 50% increase in overall user engagement and a 30% boost in lead generation.
- Engineered and implemented custom analytics dashboard to monitor website traffic and user behavior used with 120+ clients, enabling data-driven decision-making and improving lead generation rates by up to 40%.

### MIT Consulting Inc.

IT Support

North York, Ontario

January 2020 - May 2020

- Developed software in Java & Python to automate routine tasks & provided network services to 15+ small businesses.

## ACTIVITIES

### Laurier Computing Society

Vice President of Development & Technology

Waterloo, Ontario

January 2024 - Present

- Overseeing the development and maintenance of society's technical infrastructure, organizing 10+ tech-related events and workshops per semester, with an average attendance of 75 students.

### HawkHacks

Software Engineer

Waterloo, Ontario

November 2023 - August 2024

- Contributed to the hackathon's digital infrastructure by developing a full-stack solution for the landing page and hacker dashboard using React and Firebase, supporting 850+ participants & 1100+ applicants.

### Computing Councils of Canada




Director of Systems Administration

Remote

November 2022 - Present

- Led the development of a responsive landing page, Discord bot, 3 software-related projects, and held tech events with the systems administration team, connecting a community of 900+ students in computing clubs across Canada.

## PROJECTS

-  **Danghui-cLVM:** Proof of concept Roblox ACE exploit to execute arbitrary code & fully replicate the scripts to player's machines, affecting 37.1 million daily active players & aiding in the implementation of their replication filter.
-  **QuickReports:** A React-based web application in use by 2 medium-sized marketing agencies, helping integrate 8+ digital marketing analytics tools into a single dashboard & enabling agencies to generate comprehensive reports from consolidated data sources 80% faster, currently supplying 164+ businesses' monthly reports.
-  **trial.cards:** A web app built with Elm for generating on-demand, privacy-focused, KYC free, temporary virtual credit cards, processing 100+ trials per month & protecting users from unintended charges from free trials.

## CERTIFICATIONS

- AWS Certified Solutions Architect - Professional (Sept. 2023 - Sept. 2026)
- CompTIA A+ IT - Cred. ID EH8R2HNYF1R1Q898 (Sept. 2023 - Sept. 2026)